

CLAIMS:

1. Method for providing a substrate (20) with a printed pattern which comprises a number of separate pattern elements (23), wherein each pattern element (23) comprises at least one pattern element part (23a, 23b) which is obtained by laying down a predetermined number of droplets (32) of printing ink at the position of a substrate portion having a predetermined shape and predetermined dimensions, the method comprising the following successive steps:
- printing a first group of pattern element parts (23a, 23b) during a first printing stroke; and
 - printing a second group of pattern element parts (23a, 23b) during a second printing stroke, adjacent to the first group of pattern element parts (23a, 23b); wherein, during the first printing stroke, only a portion of the predetermined number of ink droplets (32) is laid down at the position of substrate portions which are located at an edge portion (27) of the first group of pattern element parts (23a, 23b); and wherein, during the second printing stroke, the remaining portion of the predetermined number of ink droplets (32) is laid down on said substrate portions.
2. Method for providing a substrate (20) with a printed pattern which comprises a number of separate pattern elements (23), wherein each pattern element (23) comprises at least one pattern element part (23a, 23b) which is obtained by laying down a predetermined number of droplets (32) of printing ink at the position of a substrate portion having a predetermined shape and predetermined dimensions, the method comprising the following successive steps:
- printing a first group of pattern element parts (23a, 23b) during a first printing stroke; and
 - printing a second group of pattern element parts (23a, 23b) during a second printing stroke, adjacent to the first group of pattern element parts (23a, 23b); wherein only a portion of the pattern element parts (23a, 23b) which are to be printed at an edge portion (27) of the first group of pattern element parts (23a, 23b) is printed during the first printing stroke; and wherein the remaining portion of the pattern element parts (23a, 23b) which are to be

printed at an edge portion (27) of the first group of pattern elements (23a, 23b) is printed during the second printing stroke.

3. Method according to claim 1 or 2, wherein the pattern element parts (23a, 23b)
- 5 are printed on a substrate (20) supporting electrodes (25), in order to obtain light emitting diodes (22) comprising electrodes (25) and a printed element (23).
4. Printing machine (1), comprising:
- at least one print head (30) for releasing ink droplets (32);
 - 10 - a table (10) for supporting a substrate (20) having a receiving surface (21) for receiving ink droplets (32) from the at least one print head (30);
 - moving means for moving the at least one print head (30) and the table (10) with respect to each other;
 - controlling means (40) for controlling the supply of ink droplets (32) by the
 - 15 print head (30) and for controlling the moving means, which are programmed such as to carry out the method according to claim 1 or 2.